Index of Claims

| App | lication | /Control | No. |
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10/786,710

Examiner

Andrew B. Freistein

Applicant(s)/Patent under Reexamination

**NELSON ET AL.** 

Art Unit

1626

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

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| Final    | Original              | 8/18/05 | 12/27/05 |              |          |          |              |  |  |  |   |   |
|          | 1                     | +       | J        |              |          | _        | <del> </del> | ┝  | _  |  |   | _ |
|          | 1<br>2<br>3<br>4<br>5 | +       | 1        | -            | -        | -        | _            |  | -  |  |   | - |
|          | 3                     | +       | 1        | -            | -        |          | -            |  |  |  |   | - |
|          | 4                     | +       | 7        | -            |          |          | _            |  |  |  |   | _ |
|          | 5                     | +       | 1        | $\vdash$     |          |          | $\vdash$     |  |  |  |   | _ |
|          | 6                     | +       | 1        |              |          |          |              |  |  |  |   | _ |
|          | 7                     | +       | 1        |              |          |          |              |  |  |  |   | _ |
|          | 8                     | +       |          |              |          |          |              |  |  |  |   |   |
|          | 9                     | +       | 1        |              |          |          |              | Ц  |  |  |   |   |
|          | 10                    | +       | 1        |              |          |          |              |  |  |  |   |   |
|          | 11                    | +       | 1        |              | _        |          | _            | <u> </u>   |  |  |   | _ |
| <u> </u> | 12                    | +       | 1        |              | ļ        |          | ╙            |  |  | <u> </u>   |   | _ |
|          | 12<br>13<br>14        | +       | 1        |              | <u> </u> |          | _            | _  |  | L  |   | _ |
|          | 14                    | +       | 0        |              | <u> </u> | L        | L_           | _  |  | _  |   | _ |
|          | 15                    | +       | o        |              | _        | <u> </u> | <u> </u>     | <u> </u>   | _  | ļ  |   | _ |
| <b></b>  | 16                    | +       | 1        | -            | -        | $\vdash$ |              | ⊢  | <u> </u>   |  |   | - |
|          | 17                    | +       | 0        | ⊢            | -        |          | ┝            | <del> </del>                                     | _  | H  |   | _ |
| <u> </u> | 18<br>19              | +       | 1        | -            |          | ┝        | -            | ⊢  | -  |  |   | _ |
|          | 20                    | +       |          | ┢            | ⊢        | -        | ⊢            | -  | $\vdash$   | $\vdash$   |   | _ |
| <u> </u> | 21                    | +       | 1        | -            | _        | -        | ⊢            | ├  | ├  | -  |   | Н |
| <b>-</b> | 22                    | +       | 1        | $\vdash$     | -        | ╁        | -            | <del> </del>                                     | $\vdash$   | -  |   | _ |
| <u> </u> | 23                    | +       | ò        | $\vdash$     | $\vdash$ |          | -            | Н  | ┢  | ╁  |   | - |
| -        | 24                    | +       | ō        | $\vdash$     | $\vdash$ | <u> </u> | $\vdash$     | <del>                                     </del> | $\vdash$   | <del>                                     </del> |   | - |
|          | 25                    | +       | 0        | $\vdash$     | $\vdash$ |          |              | Г  | $\vdash$   |  |   | Г |
|          | 26                    | +       | ō        |              | T        |          |              |  |  |  |   | Г |
|          | 27                    | +       | 0        |              |          | Г        |              |  | Т  |  |   | _ |
|          | 28                    | +       | 1        | Г            | Г        |          |              | Γ  |  |  |   |   |
|          | 29                    | +       | 0        |              |          |          |              |  |  |  |   |   |
|          | 30                    | +       | 0        |              |          | 匚        |              |  |  |  |   | L |
|          | 31                    | +       | 0        |              |          |          |              | ┖  | <u> </u>   | _  |   | L |
|          | 32                    | +       | 0        |              | L        |          | _            | _  |  | L  |   | L |
|          | 33                    | +       | 0        | _            | _        | L.       | <u> </u>     | ₋  |  | L.   |   | L |
| <u> </u> | 34                    | +       | 0        | ₩            | <u> </u> | $\vdash$ | ⊢            | <u> </u>   | $\vdash$   | Н—   |   | L |
| <u> </u> | 35                    | +       | 0        |              | <u> </u> | $\vdash$ | <u> </u>     | $\vdash$   |  | ⊢  |   | L |
|          | 36                    | +       | 0        | -            | -        | -        | ┢            | -  | ┝  | -  |   | H |
|          | 37<br>38              | +       | 0        | ⊢            | -        | $\vdash$ | $\vdash$     | $\vdash$   | -  | $\vdash$   |   | ŀ |
| <u> </u> | 39                    | +       | 0        | ├            | -        | $\vdash$ | $\vdash$     | ╁  | $\vdash$   | $\vdash$   |   | L |
| <u> </u> | 40                    | ÷       | 5        | <del> </del> | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   |   | H |
|          | 41                    | +       | V        | 1            | $\vdash$ | -        | ┢            | 1  | 1  | ┢  |   | ۲ |
| <b>-</b> | 42                    | +       | V        | Н            | $\vdash$ | Т        | H            | <del>                                     </del> | Т  | <del>                                     </del> | 1 | ۲ |
|          | 43                    | +       | Ì        | 1            | T        | Т        | 1            | T  | <del>                                     </del> | Г  |   | Γ |
|          | 44                    | +       | 1        |              | Π        | Π        | Г            |  |  | Γ  |   | Γ |
|          | 45                    | +       | 1        | Ī.           |          |          |              |  |  |  | ] | Γ |
|          | 46                    | +       | 1        | L            |          |          |              |  |  |  | ] | ſ |
|          | 47                    | +       | 1        |              |          |          |              |  |  |  |   | Ĺ |
|          | 48                    | +       | 1        |              |          |          |              |  |  |  |   | Ĺ |
|          | 49                    | +       | 1        |              | L        | Ĺ        | _            |  | L  | L  |   | L |
|          | 50                    | +       | 1        | L.           | <u> </u> | L        | <u> </u>     | <u>L</u>   | <u>L</u> _                                       | L_   | ] | L |
|          |                       |         |          |              |          |          |              |  |  |  |   |   |

| Cla         | aim   |         |  |              |                | ate          | <del></del>                                      |          |               |          |
|-------------|---|---------|--|--------------|----------------|--------------|--|----------|---------------|----------|
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| <u>~</u>    | Original  | 8/18/05 | 12/27/05   |              |                |              |  |          |               |          |
| Final       | ē   | /18     | 121  |              |                |              |  |          |               |          |
| -           | Ō   | 8       | 12   |              |                |              |  |          |               |          |
|             | 51  | +       | 1  | -            |                | =            |  | -        | -             |          |
|             | 52  | +       | Ì  | Н            | $\dashv$       | -            |  |          |               | _        |
|             | 53  | +       | 77   | Н            | $\dashv$       |              |  | -        | _             | $\vdash$ |
|             | 54  | +       | 7  | Н            | $\dashv$       | -            |  | -        |               |          |
| -           | 52<br>53<br>54<br>55<br>56                      | +       | 1  | ⊢            | _              | _            | -  |          | -             |          |
| -           | 55  | +       | 6  | $\vdash$     | -              | $\dashv$     | -  | _        | -             |          |
| -           | 50  | +       | 0  |              |                | -            | $\dashv$   | _        | _             |          |
| -           | 57<br>58  | +       |  | H            |                | -            | _  |          | $\overline{}$ | -        |
| -           | 59  | +       | 00   | $\vdash$     | $\vdash$       |              |  |          |               |          |
|             | 59  | -       |  | -            |                |              |  |          | Н             | _        |
|             | 60  | +       | 00   | Н            | $\dashv$       | _            | -  |          | -             | _        |
| <u> </u>    | 61  | +       |  | Н            | $\vdash$       | _            | $\vdash$   | -        |               |          |
| $\vdash$    | 62  | +       | 0  | $\vdash$     | -              | _            | -  | _        | <u> </u>      | _        |
|             | 63  | +       | 0  | $\vdash$     | $\dashv$       |              |  | _        | Н             |          |
|             | 64<br>65  | _       | 0  | H            | $\vdash\dashv$ |              | $\vdash$   |          | $\vdash$      | Н        |
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| -           | 66<br>67  | +       | 0  | $\vdash$     |                |              |  |          | -             | -        |
| $\vdash$    | 60  | +       | 片  |              | Н              |              | $\vdash$   |          | -             |          |
|             | 68  | +       | 4  | _            |                |              |  | _        | H             |          |
| _           | 69  | +       | 0<br>7<br>7<br>7<br>7<br>7<br>7                  | -            | Н              |              |  | _        | -             |          |
| $\vdash$    | 70  | -       | 7  | H            | -              |              |  | <u> </u> | ┝             |          |
|             | 71  | +       | V  | ⊢            |                |              |  | $\vdash$ | <del> </del>  | $\vdash$ |
|             | 70<br>71<br>72<br>73                            | -       | J  | -            | -              | _            |  |          | -             |          |
|             | 74  | +       | N<br>J   | -            | _              |              |  | -        | -             | _        |
|             | 74<br>75<br>76<br>777<br>78<br>70<br>84<br>81   | +       | 1  | -            | $\vdash$       |              | -  |          | -             | _        |
| -           | 76  | +       | 1  | ⊢            |                |              | -  | _        | -             | $\vdash$ |
|             | 1771  | +       | <del>-</del>                                     | -            |                | _            | _  |          | -             | $\vdash$ |
| -           | 136   | +       | -  | -            | -              | _            | H  |          | -             | -        |
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| <b>—</b>    | 08  | +       | <del>-</del>                                     | $\vdash$     | -              | _            | -  | $\vdash$ | -             | -        |
| -           | <del>  21\</del>                                | +       | -  | $\vdash$     | _              |              |  | <u> </u> | _             | -        |
| $\vdash$    | 81<br>82<br>83/                                 | +       | 1  | ├            | $\vdash$       | $\vdash$     |  | -        |               | $\vdash$ |
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| <u> </u>    | <b>V</b>  | ÷       | Ė  | ├-           | -              | <u> </u>     | $\vdash$   | $\vdash$ | ⊢             | $\vdash$ |
| -           | 37  | +       | +-   | ⊢            | -              | -            | ⊢  | ⊢        | -             |          |
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| $\vdash$    | <del>  X</del>                                  | +       | H  | ├-           | $\vdash$       | -            | $\vdash$   | $\vdash$ | $\vdash$      | ├─       |
| $\vdash$    | 167   | ۲       | <del>!</del>                                     | ├-           | ├              | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$      | -        |
|             | Vak   | Ť       | ŀ  | $\vdash$     | $\vdash$       | $\vdash$     | ┢  | $\vdash$ | -             | ┢        |
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| Cli        | aim  | Date         |                |          |                                     |              |                    |          |              |                 |  |
|------------|--|--------------|----------------|----------|-------------------------------------|--------------|--------------------|----------|--------------|-----------------|--|
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| Final      | Original   | 8/18/05      | 12/27/05       |          |                                     |              |                    |          |              |                 |  |
| ᆵ          | rig  | 3.18         | 72             |          |                                     |              |                    |          |              |                 |  |
|            |  |              | -              |          |                                     |              |                    |          |              |                 |  |
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|            | 102  | +            | -              |          |                                     |              |                    |          |              |                 |  |
|            | 103  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 104  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 105  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 106  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 107  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 108  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 109  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 110  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 111  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 112  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 113  |              |                |          |                                     |              | $oxedsymbol{oxed}$ |          |              |                 |  |
|            | 114  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 115  |              |                |          | $\Box$                              |              |                    |          |              |                 |  |
|            | 116  |              |                | 匚        | oxdot                               |              |                    |          | $\Box$       |                 |  |
|            | 117  |              | L              |          |                                     |              |                    |          |              |                 |  |
|            | 118  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 119  |              |                |          |                                     |              |                    |          |              |                 |  |
|            | 120  |              |                | <u> </u> |                                     |              | L                  |          |              |                 |  |
|            | 121  |              |                | _        |                                     |              |                    |          |              |                 |  |
|            | 122  | L            |                |          | 乚                                   |              |                    |          | _            |                 |  |
|            | 123  |              |                |          | <u> </u>                            |              |                    | L        |              | Ш               |  |
|            | 124  | L            | L              | L        |                                     |              | _                  | L        |              | Ш               |  |
|            | 125  | L            | <u></u>        | 乚        | L                                   |              |                    | L        |              | Ш               |  |
|            | 126  |              | _              | L        |                                     |              | L                  | <u> </u> |              | Ц               |  |
|            | 127  | _            |                | <u> </u> |                                     | _            | _                  | <u>_</u> | <u> </u>     | Щ               |  |
|            | 128  | L            | L              | <u> </u> |                                     | <u> </u>     | _                  | L_       | L            | Ш               |  |
|            | 129  | _            | <u> </u>       | ļ_       |                                     |              | $ldsymbol{f eta}$  | L        | _            | Ш               |  |
|            | 130  | L            | _              | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _            | $oxed{oxed}$       | L        |              | Ш               |  |
|            | 131  | ╙            | ᆫ              | L        | _                                   | _            | <u> </u>           | <u> </u> | L            | Щ               |  |
| L          | 132  |              | <u> </u>       | <u> </u> | L.                                  | _            | <u> </u>           |          |              | Ш               |  |
| <u> </u>   | 133  | ļ            |                | <u> </u> | _                                   | L_           | L                  |          | <u> </u>     | Щ               |  |
| L          | 134  | $\vdash$     | <del> </del>   | <b>—</b> | _                                   | _            | <u> </u>           | <u> </u> | _            | $\vdash \vdash$ |  |
| <u> </u>   | 135  |              | ╙              | ↓_       | $\vdash$                            | $\vdash$     | <b> </b> _         | <u> </u> | <u> </u>     | Ш               |  |
| <u> </u>   | 103<br>104<br>105<br>106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>131<br>132<br>133<br>134<br>135<br>136<br>137 | $\vdash$     | <del> </del>   | ₩        | $\vdash$                            | <u> </u>     | <u> </u>           | ⊢        | <u> </u>     | Ш               |  |
|            | 137  | <u> </u>     | <u> </u>       | ļ        | ⊢                                   | ┡            | _                  |          | <u> </u>     | $\sqcup$        |  |
| <u> </u>   | 138<br>139<br>140  | $\vdash$     | <del> </del> _ | ├        | ⊢                                   | <u> </u>     | -                  | _        | -            | Н               |  |
| <u> </u>   | 139  | <u> </u>     | ┡              | ⊢        | ┡                                   | _            | ļ                  | L        | _            | Н               |  |
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| -          | 141  | ₩            | $\vdash$       | ├-       | ₩                                   | <del> </del> | ⊢                  | ⊢        | $\vdash$     | $\vdash \vdash$ |  |
| <b> </b>   | 142  | -            | ⊢              | -        | -                                   | ⊢            |                    | ⊢        | ⊢            | Н               |  |
| <u> </u>   | 143  |              | $\vdash$       | ┼        | ├                                   | $\vdash$     | $\vdash$           | 1        | ⊢            | Н               |  |
|            | 144  | <del> </del> | ₩              | ⊢        | ╀                                   | ├            | <del> </del>       | -        | ├            | Н               |  |
| <b>├</b> ─ | 145  | ⊢            | ┼              | ├-       | -                                   | <del> </del> | ├                  | $\vdash$ | -            | $\vdash$        |  |
| <u> </u>   | 146  | <del> </del> | $\vdash$       | Ͱ        | ₩                                   | $\vdash$     | <del> </del>       | $\vdash$ | $\vdash$     | $\vdash$        |  |
|            | 147  | -            | ╀              | ⊢        | $\vdash$                            | ⊢            | ├-                 | <b>—</b> | ⊢            | $\vdash$        |  |
| ļ          | 148  |              | 1              | 1        | ₩                                   | $\vdash$     | $\vdash$           | ļ.,      | <del> </del> | Н               |  |
| ļ          | 149  | -            | ⊢              | -        | $\vdash$                            | $\vdash$     | ⊬                  | ├        | <b>├</b> -   | Н               |  |
| L          | 150  |              | 乚              | <u> </u> | <u> </u>                            | <u> </u>     | <u> </u>           | 乚        | <u>L</u>     |                 |  |